INDEX TO VOLUME 67, 1999

AUTHOR INDEX

Abdulmawjood, A., 131, 159 Aboul-Enein, H. Y., 203 Abraham, L. A., 183 Agut, A., 73 Alexopoulos, C., 223 Al-Haddawi, M. H., 163 Alvinerie, M., 177, 229 Andrew, M. E., 213 Andrews, S. J., 27 Arai, T., 205 Argyle, S. A., 277 Arruga, M. V., 23 Atalan, G., 7, 295 Atwell, R. B., 83 Avidar, Y., 309

Baeyens, W., 203 Bairden, K., 89 Baker, A., 137 Barnitzke, S., 149 Barr, F. J., 7, 295 Bettschart-Wolfensberger, R., 41 Bianchi, A. T. J., 305 Bing, D. R., 141 Binns., R., 207 Bird, S. H., 65 Bishop, S. C., 89 Bogin, E., 309 Bredal, W. P., 267 Brown, P. J., 7 Buchanan, S., 153 Bullerdiek, J., 149 Busato, A., 239 Byrd., P., 207

Carceles, C. M., 177
Carlisle, A. J., 59
Cerón, J. J., 261
Chah, K. F., 99
Clarke, K. W., 41
Clery, D., 27
Collie, D. D. S., 137
Collins, R. A., 53
Corcoran, B. M., 251
Corveleyn, S., 203
Costas, E., 107
Coupar, B. E. H., 213
Cullen, L. K., 141

Dalton, J. P., 27 Dargie, H., 277 Demuth, 41 Dennis, J. A., 1 Deprez, P., 203 Diaz, M. S., 177 Dowd, A. J., 27

Emery, D. L., 17 Ennis, S., 111 Escudero, E., 177 Espín, J. C., 261

Ferreira, E., 23 Frean, S. P., 183 Friis, C., 93

Gallagher, T. F., 111 Galtier, P., 177, 229 Gill, H. S., 65 Ginel, P. J., 273 Graham, P. A., 171 Griot-Wenk, M. E., 239

Hahn, C. N., 251 Hamidzada, W. A., 125 Hampson, D. J., 245 Haustraete, J., 203 Healy, P. J., 1 Heinova, D., 309 Hennessy, D. W., 65 Henrist, D., 203 Hihara, H., 233 Hocking, P. M., 153 Hodgson, D. R., 285 Hodgson, J. L., 285 Hogan, S. F., 27 Holt, P. E., 7, 295 Horowitz, I. H., 121 Hörsting, N., 149 Hunter, R. R., 59

Imai, K., 233

Jacobs, L., 305 Janardhana, V., 213 Jansegers, L., 223 Jarvis, S., 251 Jasni, S., 163 Jeffreys, A. J., 207 Jensen, N. E., 93

Kass, P. H., 121 Kessell, A., 285 Kijima, M., 301 Kojyou, T., 301 Kwang, J., 199 Kyriakis, S. C., 223

Labarque, G., 47 Lämmler, C., 131, 159 Laredo, F. G., 73 Lees, P., 183 Leng, R. A., 65 Licence, S., 207 Lindecrona, R. H., 93 Liu, W., 199 Lobato, Z. I. P., 213 Lopez Rodas, V., 107 Low, S., 199

Mage, C., 229 Malikides, N., 285 Markowska-Daniel, 53 Mase, M., 233 Mauchline, S., 137 Mayhew, I. G., 251 McClure, S. J., 17 McClure, T. J., 17 McDonald, D. E., 245 McGrath, J. C., 277 McKeller, Q. A., 89 McLachlan, G., 137 Mitchell, M. A., 59 Moller, R., 207 Monteagudo, L. V., 23 Mooney, C. T., 171 Moreno, P., 273 Mulcahy, G., 27 Murciano, J., 73 Murray, M., 171 Mutalib, A. R., 163

Nauwynck, H., 47 Nolte, I., 149

O'Connor, F., 27 Oboegbulem, S. I., 99 Ofri, R., 121 Osek, J., 197 Osorio, F., 199 Osuobeni, E. P., 125

Pasaribu, F. H., 131 Pejsak, Z., 53 Pensaert, M., 47 Pethick, D. W., 245 Pluske, J. R., 245 Poncelet, L., 35 Porteous, D., 137 Pypendop, B., 35

Racine, B. P., 239 Raffe, M. R., 141 Randall, D. A., 141 Reimann, N., 149 Remon, J. P., 203 Robertson, G. W., 153 Rose, R. J., 285 Rosival, I., 309 Ross, G., 199 Rowe, J. B., 65 Ruaux, C. G., 83

Sako, T., Sanchez-Valverde, M. A., 73 Sandercock, D. A., 59 Sarris, K., 223 Scott, I., 89 Sheikh-Omar, A. R., 163 Shojaee Aliabadi, F., 41 Shore, I. S., 121 Shu, Q., 65 Signer, E. N., 207 Stear, M. J., 89 Strain, S., 89 Sustronck, B., 203 Sutra, J. F., 177, 229
Takahashi, T., 301
Tanaka, A., 205
Tani, O., 301
Tanimoto, T., 301
Tejedor, M. T., 23
Thoresen, S. I., 267
Tipold, A., 239
Tovar, M. C., 73
Tschudie, P., 239
Tsiloyiannis, V. K., 223
Tsinas, A. C., 223
Tsukamoto, K., 233

Utama, I. H., 131

Vainio, O., 41 Van Der Weken, G., 203 Van Reeth, K., 47 Vaughan, L., 111 Venugopal, K., 113 Verstegen, J., 35 Vlemmas, J., 223 Voets, R., 305

Washizu, M., 205 Washizu, T., 205 Weilenmann, R., 239 Welle, M., 239 Wibawan, I. W. T., 131 Williams, D. L., 191 Winnicka, A., 53 Wohlsein, P., 149

Yamamoto, K., 301 Yamawaki, Y., 301 Yang, S., 199 Yoshimura, H., 301 Yuasa, N., 233

Zamri-Saad, M., 163 Zuckermann, F., 199

- α- macroglobulin and trypsin-like immunoreactivity are poor indicators of clinical severity in spontaneous canine acute pancreatitis, Levels of total. 83
- Acepromazine-thiopentone, medetomidine-thiopentone and medetomidine-butorphanol-nidazolam combinations, Use of midlatency auditory-evoked potentials as indicator of unconsciousness in the dog: characterisation of the effects of 35
- Actinobacillus pleuropneumoniae in an in-vitro pharmacoynamic model, The pharmacodynamic effect of amoxycillin and danofloxacin against, 93
- Adverse effects of soluble non-starch polysaccharide (guar gum) on piglet growth and experimental colibacillosis immediately after weaning, 245
- Alterations in vascular reactivity in isolated vessel segments from dogs with naturally occurring heart failure, 277
- Amidotrizoate for excretory urography in cats, Comparison of different doses of iohexol with, 73
- Amplification of 16S ribosomal RNA gene sequences for the identification of streptococci of Lancefield group B, 159
- Antibody and cellular immune responses of swine following immunisation with plasmid DNA encoding the PRRS virus ORFs 456 and 7 (SC),
- Assessment of the respiratory actions of intramuscular morphine in conscious dogs, 141
- Avian leukosis virus subgroup J: a rapidly evolving group of oncogenic retroviruses (R), 113
- Bilirubinaemia on prothrombin time, activated partial thromboplastin time and thrombin time in plasma samples from healthy dogs, Effects of haemolysis, lipaemia and, 273
- Bioavailability of racemic ketoprofen in healthy horses following rectal administration (SC), 203
- Bluetongue virus, The ovine cytotoxic T lymphocyte response to, 213
- Bone marrow response to large volume blood collection in the horse,
- Bronchoalveolar lavage cellularity: reproducibility and the effect of multiple repeated lavage, Ovine, 137
- Bursal disease virus infection on its persistency, Persistent infection with chicken anaemia virus and some effects of highly virulent infectious, 233
- Calcitonin gene-related peptide, substance P and dopamine b-hydroxylase in the normal equine larynx, The distribution of nerve fibres immunoreactive for vasoactive intestinal peptide, 251
- Camel (Camelus dromedarius)Ultrasonographic determination of the dimensions of ocular components in enucleated eyes of the onehumped, 125
- Carprofen, In vitro stimulation of equine articular cartilage proteoglycan synthesis by hyaluronan and, 183
- Chicken anaemia virus and some effects of highly virulent infectious bursal disease virus infection on its persistency, Persistent infection with, 233
- Cholinesterase activity, Comparison of different diluents and chromophores for spectrophotometric determination of livestock blood, 261
- Classical swine fever virus Phenotypic analysis of peripheral leukocytes in piglets infected with, 53
- Colibacillosis immediately after weaning, Adverse effects of soluble non-starch polysaccharide (guar gum) on piglet growth and experimental, 245
- Comparison of different diluents and chromophores for spectrophotometric determination of livestock blood cholinesterase activity, 261

- Comparison of different doses of iohexol with amidotrizoate for excretory urography in cats, 73
- Comparison of the activities of enzymes related to glycolysis and gluconeogenesis in the liver of dogs and cats (SC), 205
- Cytogenetic analysis of three oropharyngeal malignant melanomas in dogs, 149
- Danofloxacin against Actinobacillus pleuropneumoniae in an in-vitro pharmacoynamic model, The pharmacodynamic effect of amoxycillin and. 93
- Definition of the mutation responsible for maple syrup urine disease in poll shorthorns and genotyping poll shorthorns and poll herefords for maple syrup urine disease alleles, 1
- Detection of pseudorabies virus DNA in individual single-reactor pigs found in certified pseudorabies-free herds (SC), 305
- Diagnosis of freemartinism in cattle using sex-specific DNA sequences, The, (SC), 111
- Differential production of proinflammatory cytokines in the pig lung during different respiratory virus infections: correlations with pathogenicity, 47
- Distribution of nerve fibres immunoreactive for vasoactive intestinal peptide, calcitonin gene-related peptide, substance P and dopamine β-hydroxylase in the normal equine larynx, The, 251
- DNA fingerprinting, Population genetics and paternity in Rasa Aragonesa sheep using, 23
- DNA profiling reveals remarkably low genetic variability in a herd of SLA homozygous pigs (SC), 207
- Dopamine b-hydroxylase in the normal equine larynx, The distribution of nerve fibres immunoreactive for vasoactive intestinal peptide, calcitonin gene-related peptide, substance P and 251
- Effect of elevated progesterone levels on intraocular pressure in lions (Panthera leo), The, 121
- Effect of probiotic LSP 122 on the control of post-weaning diarrhoea syndrome of piglets, The, 223
- Effects of haemolysis, lipaemia and bilirubinaemia on prothrombin time, activated partial thromboplastin time and thrombin time in plasma samples from healthy dogs, 273
- Effects of molybdenum intake on primary infection and subsequent challenge by the nematode parasite *Trichostrongylus colubriformus* in weaned Merino lambs, 17
- Enterotoxigenicity of Salmonellae isolated from dogs in Nigeria, 99
- Enucleated eyes of the one-humped camel (Camelus dromedarius), Ultrasonographic determination of the dimensions of ocular components in, 125
- Eprinomectin in plasma and milk following topical admistration to lactating dairy cattle, Pharmacokinetics of, 229
- Erysipelas in Japan, Serovar, pathogenicity and antimicrobial susceptibility of Erysipelothrix rhusiopathiae isolates from farmed wild boars (Sus scrofa) affected with septicemic (SC), 301
- Erysipelothrix rhusiopathiae isolates from farmed wild boars (Sus scrofa) affected with septicemic erysipelas in Japan, Serovar, pathogenicity and antimicrobial susceptibility of (SC), 301
- Escherichia coli O149:K91 strains isolated from pigs with diarrhoea determined by randomly amplified polymorphic DNA analysis, Genetic diversity among (SC), 197
- Fasciola hepatica vaccines, Immune responses of cattle to experimental anti-, 27
- Freemartinism in cattle using sex-specific DNA sequences, The diagnosis of (SC), 111
- Frequency of urination and ultrasonographic estimation of residual urine in normal and dysuric dogs, 295

Fructosamine concentrations in hyperthyroid cats, Serum, 171

Fructosamine measurement: a new approach to renal glucosuria in dogs, Serum, 267

Genetic diversity among Escherichia coli O149:K91 strains isolated from pigs with diarrhoea determined by randomly amplified polymorphic DNA analysis (SC), 197

Genetic variability in a herd of SLA homozygous pigs, DNA profiling reveals remarkably low (SC), 207

Gluconeogenesis in the liver of dogs and cats, Comparison of the activities of enzymes related to glycolysis and (SC), 205

Glucosuria in dogs, Serum fructosamine measurement: a new approach to renal, 267

Glycolysis and gluconeogenesis in the liver of dogs and cats Comparison of the activities of enzymes related to, (SC), 205

Haemolysis, lipaemia and bilirubinaemia on prothrombin time, activated partial thromboplastin time and thrombin time in plasma samples from healthy dogs, Effects of, 273

Halothane anaesthesia in the domestic fowl: plasma biochemical responses, Skeletal muscle damage following, 59

Heart failure, Alterations in vascular reactivity in isolated vessel segments from dogs with naturally occurring, 277

Histological and immunohistochemical evaluation of canine chronic superficial keratitis, 191

Hyaluronan and carprofen, In vitro stimulation of equine articular cartilage proteoglycan synthesis by, 183

Hyaluronic acid capsular material of Streptococcus equi subsp.

Zooepidemicus in mediating adherence to HeLa cells and in resisting phagocytosis, The role of, 131

Hyperthyroid cats, Serum fructosamine concentrations in, 171

IgE and IgA antibody levels in healthy dogs of different breeds and exposed to different environments, Total serum, 239

Immune responses of cattle to experimental anti-Fasciola hepatica vaccines, 27

Immunisation against lactic acidosis in cattle, 65

In vitro isolation of Neospora caninum from a stillborn calf in the UK (SC), 103
In vitro stimulation of equine articular cartilage proteoglycan synthesis by hyaluronan and carprofen, 183

Iohexol with amidotrizoate for excretory urography in cats, Comparison of different doses of, 73

Keratitis, Histological and immunohistochemical evaluation of canine chronic superficial, 191

Ketoprofen in healthy horses following rectal administration, Bioavailability of racemic (SC), 203

Lactate dehydrogenase isoenzyme distribution and patterns in chicken organs (SC), 309

Lactic acidosis in cattle, Immunisation against, 65

Larynx, The distribution of nerve fibres immunoreactive for vasoactive intestinal peptide, calcitonin gene-related peptide, substance P and dopamine b-hydroxylase in the normal equine, 251

Levels of total a- macroglobulin and trypsin-like immunoreactivity are poor indicators of clinical severity in spontaneous canine acute pancreatitis, 83

Lions (Panthera leo), The effect of elevated progesterone levels on intraocular pressure in, 121

Lipaemia and bilirubinaemia on prothrombin time, activated partial thromboplastin time and thrombin time in plasma samples from healthy dogs, Effects of haemolysis, 273

Maple syrup urine disease in poll shorthorns and genotyping poll shorthorns and poll herefords for maple syrup urine disease alleles, Definition of the mutation responsible for, 1

Medetomidine in ponies and elaboration of a medetomidine infusion regime which provides a constant level of sedation, Pharmacokinetics of, 41

Medetomidine-butorphanol-nidazolam combinations, Use of midlatency auditory-evoked potentials as indicator of unconsciousness in the dog: characterisation of the effects of acepromazine-thiopentone, medetomidine-thiopentone and, 35

Medetomidine-thiopentone and medetomidine-butorphanol-nidazolam combinations, Use of midlatency auditory-evoked potentials as indicator of unconsciousness in the dog: characterisation of the effects of acepromazine-thiopentone, 35

Melanomas in dogs, Cytogenetic analysis of three oropharyngeal malignant, 149

Microcystis aeruginosa (Toxin-producing cyanobacteria): a possible explanation for numerous fatalities of livestock and wildlife (SC), Preference of mice to consume, 107

Morphine in conscious dogs, Assessment of the respiratory actions of intramuscular, 141

Moxidectin and doramectin in goats, Pharmacokinetics of, 177 Doramectin in goats, Pharmacokinetics of moxidectin and, 177

Nematodes in the abomasum and the concentration of pepsinogen in ovine plasma. The relationship between the number and size of, 89

Neospora caninum from a stillborn calf in the UK, In vitro isolation of

Non-starch polysaccharide (guar gum) on piglet growth and experimental colibacillosis immediately after weaning, Adverse effects of soluble, 245

Oestradiol and uterine prolapse in turkeys, The relationships between vaginal collagen, plasma, 153

Oropharyngeal malignant melanomas in dogs, Cytogenetic analysis of three, 149

Ovine bronchoalveolar lavage cellularity: reproducibility and the effect of multiple repeated lavage, 137

Ovine cytotoxic T lymphocyte response to bluetongue virus, The, 213

Pancreatitis, Levels of total a- macroglobulin and trypsin-like immunoreactivity are poor indicators of clinical severity in spontaneous canine acute. 83

Pasteurella multocidaA:3,Ultrasructural pathology of the upper respiratory tract of rabbits experimentally infected with, 163

Pepsinogen in ovine plasma, Relationship between the number and size of nematodes in the abomasum and the concentration of, The, 89

Persistent infection with chicken anaemia virus and some effects of highly virulent infectious bursal disease virus infection on its persistency,

Pharmacodynamic effect of amoxycillin and danofloxacin against Actinobacillus pleuropneumoniae in an in-vitro pharmacoynamic model, Amoxycillin and danofloxacin against Actinobacillus pleuropneumoniae in an in-vitro pharmacoynamic model, The pharmacodynamic effect of, 93

Pharmacokinetics of eprinomectin in plasma and milk following topical admistration to lactating dairy cattle, 229

Pharmacokinetics of medetomidine in ponies and elaboration of a medetomidine infusion regime which provides a constant level of sedation, 41

Pharmacokinetics of moxidectin and doramectin in goats, 177

Phenotypic analysis of peripheral leukocytes in piglets infected with classical swine fever virus, 53

Population genetics and paternity in Rasa Aragonesa sheep using DNA fingerprinting, 23

Post-weaning diarrhoea syndrome of piglets, The effect of probiotic LSP 122 on the control of, 223

Preference of mice to consume *Microcystis aeruginosa* (Toxin-producing cyanobacteria): a possible explanation for numerous fatalities of livestock and wildlife (SC), 107

Probiotic LSP 122 on the control of post-weaning diarrhoea syndrome of piglets, The effect of, 223

Progesterone levels on intraocular pressure in lions (Panthera leo), The effect of elevated, 121

- Proinflammatory cytokines in the pig lung during different respiratory virus infections: correlations with pathogenicity, Differential production of 47
- Prostatic size in canine cadavers, Ultrasonographic estimation of, 7
- Proteoglycan synthesis by hyaluronan and carprofen, In vitro stimulation of equine articular cartilage, 183
- PRRS virus ORFs 456 and 7, Antibody and cellular immune responses of swine following immunisation with plasmid DNA encoding the (SC), 199
- Pseudorabies virus DNA in individual single-reactor pigs found in certified pseudorabies-free herds, Detection of (SC), 305
- Relationship between the number and size of nematodes in the abomasum and the concentration of pepsinogen in ovine plasma, The, 89
- Relationships between vaginal collagen, plasma oestradiol and uterine prolapse in turkeys, The, 153
- Role of hyaluronic acid capsular material of Streptococcus equi subsp. Zooepidemicus in mediating adherence to HeLa cells and in resisting phagocytosis, The, 131
- Salmonellae isolated from dogs in Nigeria, Enterotoxigenicity of, 99
- Serovar, pathogenicity and antimicrobial susceptibility of *Erysipelothrix* rhusiopathiae isolates from farmed wild boars (*Sus scrofa*) affected with septicemic erysipelas in Japan (SC), 301
- Serum fructosamine concentrations in hyperthyroid cats, 171
- Serum fructosamine measurement: a new approach to renal glucosuria in dogs. 267
- Skeletal muscle damage following halothane anaesthesia in the domestic fowl: plasma biochemical responses, 59
- Streptococci of Lancefield group B, Amplification of 16S ribosomal RNA gene sequences for the identification of, 159
- Streptococcus equi subsp. Zooepidemicus in mediating adherence to HeLa cells and in resisting phagocytosis, The role of hyaluronic acid capsular material of, 131
- Substance P and dopamine b-hydroxylase in the normal equine larynx, The distribution of nerve fibres immunoreactive for vasoactive intestinal peptide, calcitonin gene-related peptide, 251
- Thrombin time in plasma samples from healthy dogs, Effects of haemolysis, lipaemia and bilirubinaemia on prothrombin time, activated partial thromboplastin time and, 273

- Total serum IgE and IgA antibody levels in healthy dogs of different breeds and exposed to different environments, 239
- Trichostrongylus colubriformus in weaned Merino lambs, Effects of molybdenum intake on primary infection and subsequent challenge by the nematode parasite, 17
- Trypsin-like immunoreactivity are poor indicators of clinical severity in spontaneous canine acute pancreatitis, Levels of total a-macroglobulin and, 83
- Ultrasonographic determination of the dimensions of ocular components in enucleated eyes of the one-humped camel (*Camelus dromedarius*), 125
- Ultrasonographic estimation of prostatic size in canine cadavers, 7
- Ultrasructural pathology of the upper respiratory tract of rabbits experimentally infected with *Pasteurella multocida*A:3, 163
- Urination and ultrasonographic estimation of residual urine in normal and dysuric dogs, Frequency of, 295
- Use of midlatency auditory-evoked potentials as indicator of unconsciousness in the dog: characterisation of the effects of acepromazinethiopentone, medetomidine-thiopentone and medetomidinebutorphanol-nidazolam combinations, 35
- Uterine prolapse in turkeys, The relationships between vaginal collagen, plasma oestradiol and, 153
- Vaginal collagen, plasma oestradiol and uterine prolapse in turkeys, The relationships between, 153
- Vascular reactivity in isolated vessel segments from dogs with naturally occurring heart failure, Alterations in, 277
- Vasoactive intestinal peptide, calcitonin gene-related peptide, substance
 P and dopamine b-hydroxylase in the normal equine larynx, The
 distribution of nerve fibres immunoreactive for, 251
- Wild boars (Sus scrofa) affected with septicemic erysipelas in Japan,
 Serovar, pathogenicity and antimicrobial susceptibility of
 Erysipelothrix rhusiopathiae isolates from farmed (SC), 301